

INFLUENZA

Influenza is an acute respiratory disease caused by influenza type A or B viruses. Typical features of influenza include abrupt onset of fever, respiratory symptoms, such as cough, sore throat and coryza, and systemic symptoms, such as headache, muscle aches and fatigue.

Laboratory Criteria for Confirmation:

?? Virus isolation

Statistics on Confirmed Cases for 2001-2002 Season

Influenza season surveillance begins in October of one year and continues through May of the following year.

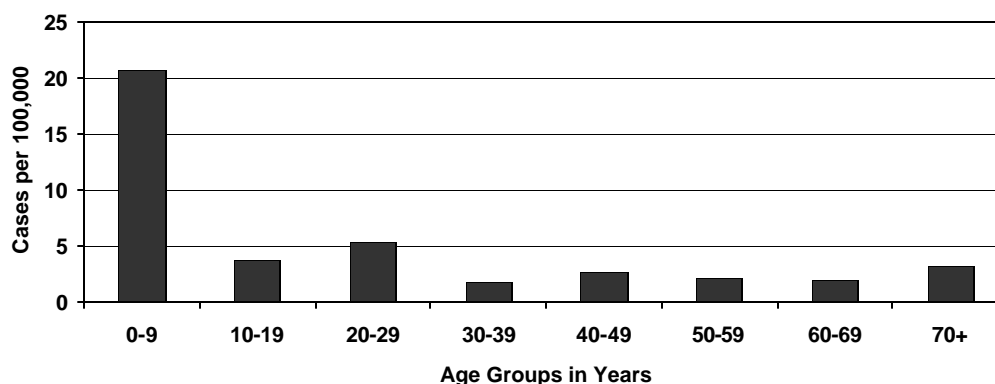
Epidemiology

Kentucky	2001-2002	Rate per 100,000
Cases	236	5.8

Cases by Gender

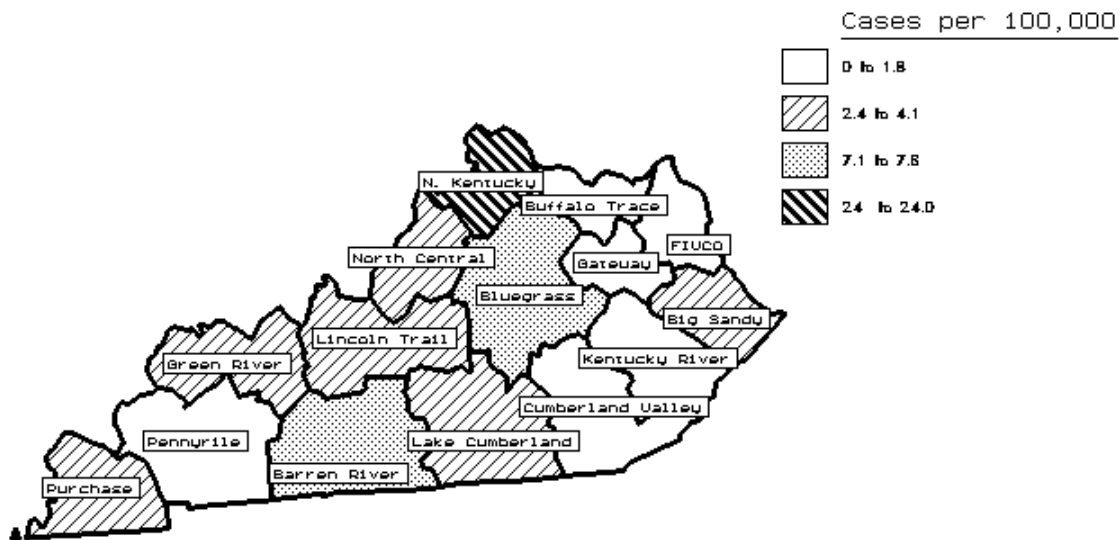
Female	113	5.5
Male	121	6.1

**Influenza, Age-Specific Incidence, Kentucky
2001-2002**



The cases per 100,000 for culture confirmed influenza in children under one year of age was 73.4, and then dropped to 27.2 cases per 100,000 for children one to four years of age and to 5.7 for children five to nine years of age.

Influenza Incidence by District, Kentucky 2001-2002 Influenza Season

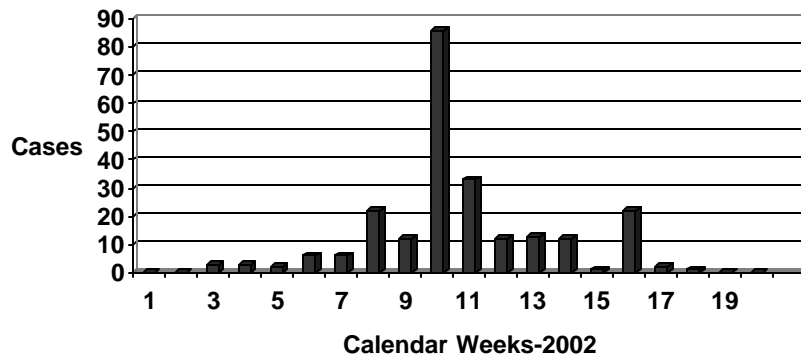


The Northern Kentucky District reported the highest rate, with 24.0 cases per 100,000. Two counties in this district had much higher rates; Boone County had 35 culture confirmed cases for a rate of 40.7 cases per 100,000 and Campbell County had 41 culture confirmed cases for a rate of 46.3 cases per 100,000.

The Bluegrass District reported the next highest rate of 7.6 cases per 100,000. In that district, Madison County reported 23 culture confirmed cases, for a rate of 32.5 cases per 100,000.

The Barren River District had 7.1 cases per 100,000, with Barren County reporting 9 cases for a rate of 23.7 cases per 100,000 and Butler County reporting 3 cases for a rate of 23.1 cases per 100,000.

Influenza Incidence by Calendar Week for 2001-2002



There were no influenza cases confirmed for October through December 2001.

Kentucky influenza surveillance begins in October of each year and continues through May of the following year. A network of sentinel physicians and local health departments participate in weekly influenza surveillance. Information also is obtained from nursing homes, schools, physician offices, and hospitals.

Influenza isolate collection kits are available from the Kentucky Department for Public Health, Division of Laboratory Services and all health care providers are encouraged to submit samples. The Division of Laboratory Services received 317 samples, from 37 counties, to be cultured for influenza during the 2001-2002 influenza season.

Only viral culture isolates are included in the data of this summary. The viral types cultured during the **2001-2002** are as follows:

Type A H1N1 New Caldonia-----	4
Type A H3N2 Panama-----	150
Type A (subtype not known)-----	4
Type B Beijing-----	3